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 E. G. ...
 Executive Engineer
 ... Division
 ... B.B.M.P.
 ... 060092

first 2 feet

M. A. R. 57 (Rule 116)

Measurement Book

No. B

20" corr road

Improvement to road & drains at Sahakalingala
 9th Main 'A' Ave to 21st 'B' cross road 21st Main 'C' Ave

Serial No.

Name of Work

Name of Contractor or nature of Agency

Date of commencement of work

Ward No. 8, Kodigehalli sub En.
 Madhusudhan R.
 10.03.2015

258401

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Est cost: Rs. 12.00 lakhs Job No: 008-15-000028 AS No. ACY/AS/PR/1130/14-15 dtd 11.12.2014 TS No. 260/22.12.14 WO No. 249/14-15 dtd 28.1.15 Measurement recorded on: 04-2015 1) Earthwork excavation by manual near i ordinary soil, excavated surface levelled & sides neatly dressed, disposed earth to be levelled neatly after breaking of clods etc complete as directed.						

BR - 64/16-5-15

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	1) vide item no. (1) of spec	258452	-	-	-	290.51 cum 286.72 cum @ 1/4 45-60/- = 1/4 21677.00	
	2) Removal of 1st class of debris to stacking						
	1) vide item no. (2) of spec 258453		-	-	-	780.84 sqm 769.50 sqm @ 1/4 58.32/- = 1/4 44877.00	
	3) Repair of concrete slab of drain as detailed						
	1) vide item no. (2) of spec		-	-	-	769.50 sqm @ 1/4 45-60/- = 1/4 58174.00	

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Serial No.

Name of Work From

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Number 3
	4) Providing & laying in position OPC cement @ 180 kg cum & 1A Metal CA @ 0.85 cum & 1A mixed concrete laid in layers as directed.	
	1) vide item no. (4) of spec	
	5) Providing & concreting of ground with 1:1:6 edges in courses not less than 100mm @ 2m apart in course of concrete as directed	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No.

Name of Work From To **258402**

Name of Contractor of nature of Agency

Date of commencement of work

Contents	Reference to last Measurement
7	8
290.51 cum	
286.72 cum	
- - - = 3.79	21677.00
780.84 sqm	
769.50 sqm	
- - - = 11.34	44877.00
769.50 sqm	
- - - = 11.34	58174.00

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	providing & laying in position of 1:4:8 with OPC cement @ 180 kg cum 40mm to 150 granite Metal CA @ 0.85 cum & 1A @ 0.32 cum machine mixed concrete laid in layers not exceeding 150 mm as directed.						
	vide item no. (4) of page 258453					3.60	cum
	@ Rs. 4847.04 -					- - - = 17449.00	
5)	providing & constructing granite stone in superstructure with 1:4:6 edges stones chisel dressed in courses not less than 150 mm high, laid in each course including cent g materials as directed.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	✓ City vide item no. (5) of page 258/134					12.96	cum
			@ 1/4 4772.60				61866.00
	6) providing ruled pointing to covered stone						
	work with 1/4, 20mm deep as directed						
	✓ City vide item no. (6) of page 258/134					19.20	sqm
			@ 1/4 92.88				1783.00
	7) providing & laying in position 1cc of mix 1:2:4						
	with cement @ 240 kg with 20mm dia CA						
	@ 0.878 cum, for 0.150 sqm, machine						
	slipped, correctly laid in layers not						
	exceeding 15cm Area as directed.						

Serial No.
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date 1	Full description, etc, of work 2	
	✓ City vide item no. (7) of page 258/134	
	8) providing mild steel	
	including straightening,	
	placing in position	
	✓ City vide item no. (8) of page 258/134	

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
12.96	cum	61866.00
19.20	sqm	1783.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No.

Name of Work From To 258403

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty vide item no. (7) of spec 258154		@ 1/4	5327.64/-		5.76	cum
							30687.00
	a) providing mild steel reinforcement for RCC work including straightening, cutting, bending, lapping as directed.						
	Qty vide item no. (9) of spec 258154					4.65	Q.H.
				Limited to		4.47	Q.H.
			@ 1/4	7995/-			35648.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	10) Providing & removing centering, shuttering, scaffolding, mopping etc & removal of formwork for vertical surface as directed. ✓ vide item no. (10) of page 958 US\$ 14.28 @ Rs. 292/- = Rs. 4198.00						
	8) Providing & laying in position & design M20 concrete carpet @ 300mm wide & 150mm thick, CA @ 0.8780m, RA @ 0.0520m machine mixed, concrete laid in layers of 100mm thickness as directed. ✓ 6.00 1.80 0.22 4.97 cum @ Rs. 6065.28/- = Rs. 30132.00						

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Serial No.
Name of Work From
Name of Contractor of nature of Agency
Date of commencement of work

Date 1	Full description, etc, of work 2	Number 3
	11) Scarifying existing stone material along with brick & concrete & removed material as directed. ✓ vide item no. (11) of page 958	
	12) Providing laying spreading & stone aggregate to wet mix premixing the material with in mechanical plant carrying	

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
14.38	89m	4198.00
0.22	4.97	am
5.28/-	30138.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No.

Name of Work From To **258404**

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
11)	Scalping existing stone metal layer up to 75mm thick along with inner bituminous surface, picking up scattered material as directed.						
	Qty vide Item no. (11) 91 cc 25855					858.46	89m
				Limited to		750.00	89m
			@ 4.81.70/-			61275.00	
12)	providing laying spreading & compacting graded stone aggregate to wet mix macadam including providing the material with name @ 84C in mechanical plant carriage, laying etc complete						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty vide item no. (12) of page 258456			- - -		131.65	cur ✓
	@ Rs. 1408.25			- - -		189248.00	
13)	Cleaning the existing water road surface including removal of binding materials & other foreign matter with wire brushes & finally dusting with old gunny bags as directed.						
	Qty vide item no. 12 of page 258456			- - -		337.64	SPM
	Qty vide item no. 12 of page 258456			- - -		1691.47	"
				Total		2029.11	2cu
				Limited to		1740.00	2cu
	@ Rs. 12/-			- - -		- - Rs.	20880.00

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Serial No.

Name of Work From

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Number 3
14)	providing & applying primer of medium porosity @ 1.10 kg emulsion using bitumen & spray set as directed.	
	Qty vide item no. (14) of page 258456	
	Qty vide item no. (14) of page 258456	

BOOK

th	Depth	Contents	Reference to last Measurement
	6	7	8
		131.55	cur
8.25		189.246	
		337.64	SPM
		1691.44	
Total		2029.11	SPM
d to		1740.00	SPM
		2880.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258405

Serial No.

Name of Work From To

Name of Contractor or nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	providing & applying primer coat for surface of medium porosity @ 1.10 kg / sqm with bitumen emulsion using bitumen tanker fitted with spray set as directed.						
	Qty vide item no. (14) of page 258457					337.64	SPM
	Qty vide item no. (14) of page 258458					1691.44	"
					Total	2029.11	SPM
					limited to	1740.00	SPM
					@ 14.74.52/-	= 18	129665.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	15) providing & laying semi dense bituminous concrete using crushed aggregates of specified gradup, provided with bituminous binder, as filler, compacted to base site, layrip to grade, here & level rolling as directed. city vide item no. (15) of pipe 258457 100' x 1' on road 'A' above (city vide pipe 258457, sub total - A) 15' x 1' on road 'A' above (city vide pipe 258458, sub total - A) MCFC Byggs 10/4/15	1 132.50 1 60.70 1 5.00 total limited to @ 12. 11070-	$(6.02 + 5.81) \times 0.025 = 19.82$ $(5.05 + 4.8) \times 0.025 = 7.47$ $(6.18 + 6.12) \times 0.025 = 5.08$ 50.81 50.03 553832.00	8.44 19.82 7.47 5.08 50.81 50.03 553832.00	sun " " " cu cu cu		

Serial No.

Name of Work

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	NU
16)	lead for disposal of city vide item no. (16) of	
	Certificati: the work is compl the contractor has his own vehicle.	

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	Contents	Reference to last Measurement
7		8
8.44	sun	
100.05 = 19.82	"	
7.47	"	
5.08	"	
50.81	sun	
50.03	sun	
553832.00		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258406

Serial No.
 Name of Work From To
 Name of Contractor of nature of Agency
 Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
16)	Lead for disposal of debris as decided by vide Ac No. (16), 1940 258406					290.51 cum	
				Limited to		222.39 "	
			@ Rs. 75/-			= Rs. 19884.00	
			Total bill		Amount = Rs.	1281388.00	
	<u>Certification:</u> The work is completed satisfactorily. The contractor has cleared the debris using his own vehicle.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
3)	there are no departmental work.  10/4/15						

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

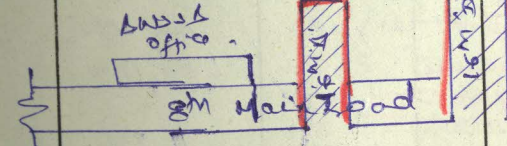
M. A.
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Serial No.

Name of Work From

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc., of work	Number
1	2	3
	D' Klock Lachkaenpa 	
	Behind	

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Depth	Contents	Reference to last Measurement
6	7	8
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M. A. R. 57 (Rule 116) Measurement Book

No. B

258407

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	D block Sahakaranga gm double road Behind Garapati Kungle road						

G
10/4/15

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	1281320=000 177330=000 1104050=000 10/11/16 177330=000			IT- 12814- VAS- 51255- PS- 76883- WCL- 12814- CBF- 1281- Roy- 21783- 500-			

First & final

BR 62/16-82

Improvements to cross
village in ward
Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date 1	Full description, etc, of work 2	Num 3
	Estimate cost: Rs. 10.00 Job No.: 008-15-000 As No.: 124/14-15 TS No.: 290/14-15 WO No.: 225/14-15	
	Reasoning As per g dec cost of all materials on city wide itel no. 02 g	